INESCTEC

CALL FOR APPLICATIONS: RESEARCHER

Job/position/grant:

Job reference:	AE2023-0327 (CARE-IN-HEALTH - CBER)
	INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciï¿½ncia
Job/position/grant:	RESEARCHER
City:	Porto
Research field:	Main: COMPUTER SCIENCE,ENGINEERING
	Sub: Programming,Computer Systems,Database management,Informatics,Systems engineering

Job summary:

INESC TEC is accepting applications for 1 RESEARCHER job in the Web&Mobile Engineer: web and mobile systems developer in the field of Biomedical engineering for monitoring using wearable devices.

Project:	CArdiovascularREsolution of INflammation to promote HEALTH
Scientific Advisor:	Duarte Filipe Dias
Start Date:	2023-10-01
Location:	INESC TEC, Porto, Portugal

Job description:

Work Area: Web&Mobile Engineer: web and mobile systems developer in the field of Biomedical engineering for monitoring using wearable devices.

Project overview: Familiarization with the biomedical area and development, improvement and validation of web and mobile technologies of e-health and m-health systems that are composed of mobile applications (Android Studio and Flutter), a web component and the respective back-end associated with database (PHP, SQLite, Flutter Web). Testing and validating in real scenarios, as well as preparing presentations related to them. These IoT systems are being tested by INESC TEC spin-offs, and then there may be a possible transition to companies.

Objectives: Development of web and mobile applications for monitoring and follow-up of people/patients using wearable devices. These systems have been used in Hospitals (CHUSJ) and by companies in different industrial areas. The applications aim to expand the use of the web and mobile systems that the Biomedical Engineering Center has been developing to support data collection and actively participate in field testing and validation of the systems with the end user.

Academic Qualifications:	The candidate should have a Bachelor's or Master's degree in Computer Engineering, Computer Science, Biomedical Engineering, Software Engineering or equivalent.
Minimum profile required:	Good knowledge and some experience in mobile and web application development. The candidate should already have previous knowledge in Google firebase, Android Studio or Flutter, as well as databases, TypeScript, PHP, Node.js and code version control systems (GitHub, GitLab)
Preference factors:	Past experience in developing applications in Flutter. Ability to develop user-friendly interfaces

Funding Entity:	on the scope CARE-IN-HEALTH with reference 101095413 funded by the European Commission under the Horizon Europe program for the period 2021-2027.
Type of contract:	Uncertain term contract

The hiring shall be governed by what is stipulated in the legislation in force regarding uncertain term employment contracts and by INESC TEC norms.

Selection criteria:	The selection of the candidates will be based on the following criteria, in descending order of consideration:
	a) Relevant Curriculum in the concerned field of this tender
	b) Proven experience.
Selection Jury:	President of the Jury: Prof. João Paulo Cunha;
	Member: Prof. Miguel Velhote Correia;
	Member: Prof. Susana Cristina Rodrigues;
Notification of results:	The results of the selection process will be sent to the interested by electronic mail.
Application period:	From 2023-08-04 to 2023-09-08
Application submission:	Electronic form filling in www.inesctec.pt in the section Work with Us

Funded by the
European Union